EAST Search History

Re f #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		HF or(hydrofluoric adj acid)or anhydrous	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 16:16
		(gamma or gama)near butyrolactone or((S1 adj S4 adj lactone)or (S4 adj butyrolactone)or(S4 adj hydroxybutyric)or"acid lactone" or "gamma-hydroxybutyric acid lactone" or "Dihydrofuran-2(3H)-one" or GBL or butyrolactone	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 18:20
S1	362133	HF or(hydrofluoric adj acid)or anhydrous	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 10:05
S2	10860	Monoglyme or (ethylene adj glycol adj dimethyl adj ether)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 16:31
S3	4862	S1 and S2	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 16:19

EAST Search History

S5	28632	"high k" or "high dielectric constant"or (high adj dielectric adj constant)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 16:21
S6	45	S5 and S3	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 16:21
S7	3509439	(etch$ or remove$)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 16:32
S8	39	S6 and S7	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 09:40
S9	261959	(etch or remove)same(rate or speed)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:45
S10	8	S6 and S9	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 18:04
S11	13457	Diglyme or("bis(2-methoxyethyl) ether")or ("2-methoxyethyl ether")or"diethylene glycol dimethyl ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 09:42
S12	139	"I1" and S11	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 09:42

S13	16	S12 and "l5"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 09:43
S14	16	S12 and "l5"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 09:43
S15	362133	"HF" or(hydrofluoric adj acid)or anhydrous	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 10:05
S16	6747	S15 and S11	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 10:05
S17	30	S16 and "l5"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 10:15
S18	30	S16 and "l5"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 10:06
S19	1	"20010022148"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:10
S20	1	"20070012662"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:31

S21	14	"6100120"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:31
S22	2417132	etch or remove or strip	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:45
S23	16455	S22 and "l5"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:46
S24	1204	S23 and S15	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:47
S25	34359	"HFO" or "hafniun oxide" or " hafnium dioxide"or """HF.sub2"""or hafnia	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:54
S26	18547	S25 and S22	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:51
S27	7732	S26 and S15	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:52
S28	433	S25 with S22	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:54

S29	7732	S26 and S15	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:55
S30	214	S28 and S15	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:56
S31	10	"6200891"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 15:50
S32	11	"4952035"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 14:54
S33	33	"5019479"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 14:57
S34	79	"5478436"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:00
S35	19	"5753418"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:01
S36	23	"6013574"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:01

S37	10	"6200891"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:32
S38	14316	("Ethylene glycol monomethyl ether")or ("EGME")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:11
S39	362304	"HF" or(hydrofluoric adj acid)or anhydrous	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 18:30
S40	3701	S38 and S39	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 18:11
S41	16	S38 and "l12"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 18:26
S42	200739	S38 and "l12"and etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 18:16
S43	5494	"Ethylene glycol diethyl ether" or "1, 2-Diethoxyethane" or"1,2-Ethanol, diethyl ether" or "Ethyl glyme" or "3, 6-Dioxaoctane" or "EGDEE"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 18:29

S44	1445	S39 and S43	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 18:31
S45	30	S39 with S43	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 18:52
S46	2418146	etch or remove or strip	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 18:53
S47	19	(S39 with S43)and S46	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 18:56
S48	547	"Diethylene Glycol Methyl Ethyl Ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 18:58
S49	83	S48 and S39	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 11:53
S50	1	S48 with S39	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 18:59

S51	3737	"DIETHYLENE GLYCOL DIETHYL ETHER" or "1, 1'-Oxybis(2-ethoxy-ethane)" or "Diethyl carbitol" or "bis(2-Ethoxyethyl) ether" or "DEGDEE" or "Ethyl diglyme"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 12:53
S52	3534	"TRIETHYLENE GLYCOL DIMETHYL ETHER" or "(2,5,8, 11-Tetraoxadodecane)" or Triglyme or "1, 2-bis(2-Methoxyethoxy)ethane" or "TEGDME"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 11:59
S53	330	"triethylene glycol diethyl ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:01
S54	6	"triethylene glycol ethyl methyl ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:02
S55	3460	"Tetraethylene Glycol Dimethyl Ether" or "Bis[2-(2-methoxyethoxy)ethyl] Ether" or "Tetraglyme" or "2,5, 8,11, 14-Pentaoxapentadecane "	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:04

S5 6	191	"tetraethylene glycol diethyl ether"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 12:05
S5 7	602	"Polyethylene glycol dimethyl ether" or Polyglymes	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 12:06
S5 8	1	S51 and S52 and S53 and S54 and S55 and S56 and S57	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 12:07
S5 9	8876	S51 or S52 or S53 or S54 or S55 or S56 or S57	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 12:08
S6 0	200	"ethylene glycol methyl ethyl ether"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 12:12
S6 1	5506	"Ethylene glycol diethyl ether" or "1, 2-Diethoxyethane" or"1,2-Ethanol, diethyl ether" or "Ethyl glyme" or "3, 6-Dioxaoctane" or "EGDEE"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 12:12
S6 2	548	"Diethylene Glycol Methyl Ethyl Ether"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 12:12

S63	13246	S59 or S61 or S60 or S62	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:12
S64	362524	"HF" or(hydrofluoric adj acid)or anhydrous	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:14
S65	3776	S63 and S64	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:15
S66	3513185	(etch$ or remove$)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:15
S67	3121	S63 and S64 and S66	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:47
S68	490	S63 and S64 with S66	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:47
S69	2	S63 with S64 with S66	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:48
S70	22	S63 same S64 with S66	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:48

S71	28698	"high k" or "high dielectric constant"or (high adj dielectric adj constant)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 14:46
S72	1	S70 and S71	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 14:46
S73	34447	"HFO" or "hafniun oxide" or " hafnium dioxide"or """HF. sub2"""or hafnia	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 14:46
S74	1	S70 and S73	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 14:47
S75	19646	"ethylene glycol monomethyl ether" or "ethylene glycol monoethyl ether" or "ethylene glycol monopropyl ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 16:41
S76	2419637	etch or remove or strip	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 15:55
S77	9122	S75 and S76	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 15:55
S78	2664	S75 and S76 and S64	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 15:57

S7 9	241	S75 and S76 with S64	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 15:56
S8 0	23	S75 with S76 and S64	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 15:59
S8 1	3	S75 with etch	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 15:59
S8 2	29352	"ethylene glycol monomethyl ether" or "ethylene glycol monoethyl ether" or "ethylene glycol monopropyl ether"or "ethylene glycol monopropyl ether" or "polyethylene glycol monomethyl ether" or "ethylene glycol monoisopropyl ether" or "ethylene glycol monobutyl ether" or " propylene glycol monomethyl ether" or "propylene glycol monopropyl ether" or "propylene glycol monobutyl ether"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 11:03
S8 3	1214	S82 same S76	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 16:48

S84	0	(S62 with S82) same S76	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 16:49
S85	180	(S64 with S82)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 16:49
S86	13	S85 same S76	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 18:20
S87	1	11/259128	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 18:23
S88	2	11/412418	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 18:24
S89	1	11/142418	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 18:32
S90	1	10/948306	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 18:40
S91	4	197681/1997	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/04/12 18:44

S9 2	1	10/527202	US-PGP UB; USPAT; USOCR ; JPO	OR	ON	2007/04/12 18:44
S9 3	1	10/525249	US-PGP UB; USPAT; USOCR ; JPO	OR	ON	2007/04/12 18:45
S9 4	55092 2	(("HF" or "hydrofluoric acid")with etch)and organic solvent	JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/12 18:46
S9 5	36	(("HF" or "hydrofluoric acid")with etch)and ("organic solvent" or ether or glycol)	JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/12 18:47

S9 6	89786	"ethylene glycol monomethyl ether" or "ethylene glycol monoethyl ether" or "ethylene glycol monopropyl ether"or "ethylene glycol monopropyl ether" or "polyethylene glycol monomethyl ether" or "ethylene glycol monoisopropyl ether" or "ethylene glycol monobutyl ether" or " propylene glycol monomethyl ether" or "propylene glycol monopropyl ether" or "propylene glycol monobutyl ether" or "methyl cellosolve" or "EGME" or "EGEE" or "2-ethoxyethanol" or "Propylglycol" or "Propyl cellosolve" or "MPEG" or "poly(ethylene glycol) monomethyl ether"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 13:56
S9 7	36252 4	"HF" or(hydrofluoric adj acid)or anhydrous	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 11:14
S9 8	1490	S96 same S97	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 11:14

S99	1490	(S96 same S97)same S97	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 11:15
S100	2419637	etch or remove or strip	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 11:15
S101	238	S98 same S100	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 11:15
S102	7007	li with etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 12:12
S103	14	S96 with etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 12:50
S104	1	S103 with("HF" or "hydrofluorid acid")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 13:20

S1 05	2017	"DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR" ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 19:01
S1 06	2020	S105 WITHL2	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 12:59
S1 07	6	S105 WITH S97	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 12:59
S1 08	0	S107 AND ETCH	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 12:59

S1 09	366	S105 AND S97	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 12:59
S1 10	38	S109 AND ETCH	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 13:00
S1 11	3465	"DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl "Carbitol" acetate" OR " ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 13:16
S1 12	216509	S111 AN DL2	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 13:06

S1 13	669	S111 AND S97	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 13:07
S1 14	103	S113 AND ETCH	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 13:07
S1 15	5096	"DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl "Carbitol" acetate" OR " ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "Diethylene Glycol Butyl Ether Acetate" or "Butyl Carbitol Acetate" or "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 13:19

EAST Search History

S1 16	0	S115 and S104	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 13:19
S1 17	2	S115 with("HF" or "hydrofluorid acid")	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:05
S1 18	131	S115 and("HF" or "hydrofluorid acid")	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:05
S1 19	47	S118 and etch	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:23
S1 20	38948	method and etch and "silicon oxide"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:24
S1 21	28698	"high k" or "high dielectric constant"or (high adj dielectric adj constant)	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:16
S1 22	4639	S120 and S121	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:18
S1 23	362524	"HF" or(hydrofluoric adj acid)or anhydrous	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 11:17

4/23/2007 2:00:44 PM

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S1 25	0	S118 and "WET etch"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:23
S1 26	5624	method and "WET etch" and "silicon oxide"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:55
S1 27	2826	S126 AND S123	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:54
S1 28	578	S127 AND S121	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:28
S1 29	9	S128 AND ETHER	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:28
S1 30	1069	method WITH "WET etch" and "silicon oxide"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:29
S1 31	616	S130 AND S123	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:29
S1 32	21126 4	S131 AN DL28	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:30

S133	95	S131 AND S121	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:37
S134	2	S133 AND ETHER	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 14:32
S135	1	METHODE WITH ETCH WITH ("SILICON OXIDE" OR "SILICON DIOXIDE")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 14:33
S136	9652	method and "WET etch" and ("silicon oxide" or " silicon dioxide")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 14:56
S137	1387	S136 and S121	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 14:56
S138	1223	S137 and gate	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 14:57
S139	1	10/527202	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 16:06
S140	10	"6200891"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 16:06

S141	28739	"high k" or "high dielectric constant"or (high adj dielectric adj constant)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:18
S142	362713	"HF" or(hydrofluoric adj acid)or anhydrous	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:18
S143	1071	method WITH "WET etch" and "silicon oxide"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:18
S144	618	S143 AND S142	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:18
S145	96	S144 AND S141	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:18
S146	133460	"HF" or(hydrofluoric adj acid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:18

S1 47	2020	"DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR" ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:52
S1 48	177	S147 and S146	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:20
S1 49	32	S148 and etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:20
S1 50	0	S147 with etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:42

S1 51	1	S147 same etch	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 11:54
S1 52	98	S147 and etch	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 11:54
S1 53	97	S152 and acid	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 11:54
S1 54	0	S150	FPRS; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/18 12:39
S1 55	0	S147 with etch	FPRS; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/18 12:39
S1 56	0	S147 and etch	FPRS; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/18 12:39

S1 57	0	S147 and S146	FPRS; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/18 12:39
S1 58	0	S147	FPRS; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/18 12:39
S1 59	69622	ether and acid	FPRS; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/18 12:40
S1 60	57234	ether same acid	FPRS; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/18 12:40
S1 61	45	ether same acid same etch	FPRS; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/18 12:40

S1 62	2	S147 with S146	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:46
S1 63	5	S147 same S146	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:46
S1 64	0	S147 same atch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:47
S1 65	1	S147 same etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:47
S1 66	0	S147 with etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:48
S1 67	227	S147 with acid	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:48
S1 68	0	S147 with acid with etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:48
S1 69	6	S147 with acid and etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:48

S1 70	24698	"DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl cellosolve" or "Dowanol EM" or "2-methoxyethanol" or "ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "cellosolve solvent" or "Dowanol EE" or "2-ethoxyethanol" "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:57

S1 71	25037	"DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl cellosolve" or "Dowanol EM" or "2-methoxyethanol" or "ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "cellosolve solvent" or "Dowanol EE" or "2-ethoxyethanol" "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "1-Acetoxy-2-butoxye thane" or "Butoxyethyl acetate" or "Butoxyethanol acetate" or "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:04

S172	5	S171 with etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:59
S173	0	S172 same S147	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:59
S174	2020	S171 and S147	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:59
S175	98	S174 and etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:00
S176	23523	S171 and acid	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:00
S177	1194	S176 and etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 10:46
S178	3967	S171 with acid	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:01
S179	0	S178 with etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:01

S1 80	17	S178 same etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:01

EAST Search History

| S1 81 | 25446 | "DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl cellosolve" or "Dowanol EM" or "2-methoxyethanol" or "ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "cellosolve solvent" or "Dowanol EE" or "2-ethoxyethanol" "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "1-Acetoxy-2-butoxyethane" or "Butoxyethyl acetate" or "Butoxyethanol acetate" or "Ethylene glycol butyl ether acetate" or "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" or "DE Acetate" or "2-(2-Ethoxyethoxy)ethyl acetate" or "Ethyldiglycol acetate" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/18 13:10 |

S1 82	5	S181 with etch	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 13:10
S1 83	0	S182 with acid	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 13:10
S1 84	2020	S181 and S147	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 13:10
S1 85	98	S184 and etch	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 13:33
S1 86	2020	S181 and S147	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 13:33
S1 87	24206 38	etch or remove or strip	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 13:34
S1 88	1044	S186 and S187	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 13:34
S1 89	1044	S186 and S187	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 13:34

S1 90	89858	"ethylene glycol monomethyl ether" or "ethylene glycol monoethyl ether" or "ethylene glycol monopropyl ether"or "ethylene glycol monopropyl ether" or "polyethylene glycol monomethyl ether" or "ethylene glycol monoisopropyl ether" or "ethylene glycol monobutyl ether" or " propylene glycol monomethyl ether" or "propylene glycol monopropyl ether" or "propylene glycol monobutyl ether" or "methyl cellosolve" or "EGME" or "EGEE" or "2-ethoxyethanol" or "Propylglycol" or "Propyl cellosolve" or "MPEG" or "poly(ethylene glycol) monomethyl ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 16:29
S1 91	1641	S190 and S147	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:57
S1 92	2988	S190 and S146	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:57

S193	103	S190 same S146	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:14
S194	22	S193 and etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:07
S195	24	"2941949"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:07
S196	2988	S190 AND S146	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:14
S197	599	S196 AND ETCH	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:28
S198	10	"6200891"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:28
S199	10	"5120605"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:28
S200	42220	"glycol ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:38

S201	288	S200 with S147	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:38
S202	27	S200 with S146	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:39
S203	11	S202 and etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:39
S204	3398	((252/79.1) or (252/79.2) or (252/79.3) or (252/79.4)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/19 16:28
S205	3398	((252/79.1/) or (252/79.2/) or (252/79.3/) or (252/79.4/)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/19 16:29

S2 06	90037	"ethylene glycol monomethyl ether" or "ethylene glycol monoethyl ether" or "ethylene glycol monopropyl ether"or "ethylene glycol monopropyl ether" or "polyethylene glycol monomethyl ether" or "ethylene glycol monoisopropyl ether" or "ethylene glycol monobutyl ether" or " propylene glycol monomethyl ether" or "propylene glycol monopropyl ether" or "propylene glycol monobutyl ether" or "methyl cellosolve" or "EGME" or "EGEE" or "2-ethoxyethanol" or "Propylglycol" or "Propyl cellosolve" or "MPEG" or "poly(ethylene glycol) monomethyl ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 16:30
S2 07	59	S205 and S206	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 16:30

S208	2023	"DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR" ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 19:01
S209	2023	S208	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 19:02
S210	7	S208 and S205	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 19:07
S211	4	"1215005"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 19:07

S2 12	32	"4215005"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/19 19:07
S2 13	3398	((252/79.1/) or (252/79.2/) or (252/79.3/) or (252/79.4/)).CCLS.	US-PGP UB; USPAT; USOCR	OR	OFF	2007/04/23 10:46
S2 14	3398	S213	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/23 10:47

| S2 15 | 25469 | "DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl cellosolve" or "Dowanol EM" or "2-methoxyethanol" or "ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "cellosolve solvent" or "Dowanol EE" or "2-ethoxyethanol" "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "1-Acetoxy-2-butoxye thane" or "Butoxyethyl acetate" or "Butoxyethanol acetate" or "Ethylene glycol butyl ether acetate" or "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" or "DE Acetate" or "2-(2-Ethoxyethoxy)e thyl acetate" or "Ethyldiglycol acetate" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" | US-PGP UB; USPAT; USOCR | OR | ON | 2007/04/23 11:55 |

S216	25469	S215		US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 10:47
S217	27	S215 and S213		US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 10:48

| S2 18 | 17808 | "DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl cellosolve acetate" or "Dowanol EM" or "2-methoxyethanol" or "ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "cellosolve solvent" or "Dowanol EE" or "2-ethoxyethanol" "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "1-Acetoxy-2-butoxyethane" or "Butoxyethyl acetate" or "Butoxyethanol acetate" or "Ethylene glycol butyl ether acetate" or "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" or "DE Acetate" or "2-(2-Ethoxyethoxy)ethyl acetate" or "Ethyldiglycol acetate" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/23 12:10 |

S2 19	21	S218 and S213	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/23 12:05

| S2 20 | 12171 | "DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl cellosolve acetate" or "ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "cellosolve solvent" or "Dowanol EE" or "2-ethoxyethanol" "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "1-Acetoxy-2-butoxyethane" or "Butoxyethyl acetate" or "Butoxyethanol acetate" or "Ethylene glycol butyl ether acetate" or "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" or "DE Acetate" or "2-(2-Ethoxyethoxy)ethyl acetate" or "Ethyldiglycol acetate" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/23 12:24 |

S2 21	17	S220 and S213	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/23 12:11

| S2 22 | 11488 | "DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl cellosolve acetate" or "ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "2-ethoxyethanol" "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "1-Acetoxy-2-butoxye thane" or "Butoxyethyl acetate" or "Butoxyethanol acetate" or "Ethylene glycol butyl ether acetate" or "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" or "DE Acetate" or "2-(2-Ethoxyethoxy)e thyl acetate" or "Ethyldiglycol acetate" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" | US-PGP UB; USPAT; USOCR | OR | ON | 2007/04/23 12:31 |

S2 23	13	S222 and S213	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/23 12:26

S2 24	12116	"DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl cellosolve acetate" or "ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "2-ethoxyethanol acetate" or "cellosolve acetate" or " ethyl glycol acetate" or " acetic acid, 2-ethoxyethyl ester" or "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "1-Acetoxy-2-butoxye thane" or "Butoxyethyl acetate" or "Butoxyethanol acetate" or "Ethylene glycol butyl ether acetate" or "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" or "DE Acetate" or "2-(2-Ethoxyethoxy)e thyl acetate" or "Ethyldiglycol acetate" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/23 12:34

S2 25	22	S224 and S213	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/23 12:34

EAST Search History

Re f #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		HF or(hydrofluoric adj acid)or anhydrous	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/05 16:16
		(gamma or gama)near butyrolactone or((S1 adj S4 adj lactone)or (S4 adj butyrolactone)or(S4 adj hydroxybutyric)or"acid lactone" or "gamma-hydroxybutyric acid lactone" or "Dihydrofuran-2(3H)-one" or GBL or butyrolactone	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/05 18:20
S1	362133	HF or(hydrofluoric adj acid)or anhydrous	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/09 10:05
S2	10860	Monoglyme or (ethylene adj glycol adj dimethyl adj ether)	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/05 16:31
S3	4862	S1 and S2	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/05 16:19

S5	28632	"high k" or "high dielectric constant"or (high adj dielectric adj constant)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 16:21
S6	45	S5 and S3	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 16:21
S7	3509439	(etch$ or remove$)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 16:32
S8	39	S6 and S7	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 09:40
S9	261959	(etch or remove)same(rate or speed)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:45
S10	8	S6 and S9	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 18:04
S11	13457	Diglyme or("bis(2-methoxyethyl) ether")or ("2-methoxyethyl ether")or"diethylene glycol dimethyl ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 09:42
S12	139	"l1" and S11	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 09:42

S13	16	S12 and "l5"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 09:43
S14	16	S12 and "l5"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 09:43
S15	362133	"HF" or(hydrofluoric adj acid)or anhydrous	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 10:05
S16	6747	S15 and S11	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 10:05
S17	30	S16 and "l5"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 10:15
S18	30	S16 and "l5"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 10:06
S19	1	"20010022148"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:10
S20	1	"20070012662"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:31

S21	14	"6100120"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:31
S22	2417132	etch or remove or strip	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:45
S23	16455	S22 and "l5"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:46
S24	1204	S23 and S15	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:47
S25	34359	"HFO" or "hafniun oxide" or " hafnium dioxide"or """HF.sub2"""or hafnia	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:54
S26	18547	S25 and S22	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:51
S27	7732	S26 and S15	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:52
S28	433	S25 with S22	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:54

S29	7732	S26 and S15	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:55
S30	214	S28 and S15	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/09 11:56
S31	10	"6200891"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/10 15:50
S32	11	"4952035"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 14:54
S33	33	"5019479"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 14:57
S34	79	"5478436"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:00
S35	19	"5753418"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:01
S36	23	"6013574"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:01

S3 7	10	"6200891"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/11 15:32
S3 8	14316	("Ethylene glycol monomethyl ether")or ("EGME")	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 12:11
S3 9	36230 4	"HF" or(hydrofluoric adj acid)or anhydrous	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/11 18:30
S4 0	3701	S38 and S39	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/11 18:11
S4 1	16	S38 and "l12"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/11 18:26
S4 2	20073 9	S38 and "l12"and etch	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/11 18:16
S4 3	5494	"Ethylene glycol diethyl ether" or "1, 2-Diethoxyethane" or"1,2-Ethanol, diethyl ether" or "Ethyl glyme" or "3, 6-Dioxaoctane" or "EGDEE"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/11 18:29

S44	1445	S39 and S43	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 18:31
S45	30	S39 with S43	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 18:52
S46	2418146	etch or remove or strip	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 18:53
S47	19	(S39 with S43)and S46	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 18:56
S48	547	"Diethylene Glycol Methyl Ethyl Ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 18:58
S49	83	S48 and S39	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 11:53
S50	1	S48 with S39	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 18:59

S51	3737	"DIETHYLENE GLYCOL DIETHYL ETHER" or "1, 1'-Oxybis(2-ethoxy-ethane)" or "Diethyl carbitol" or "bis(2-Ethoxyethyl) ether" or "DEGDEE" or "Ethyl diglyme"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 12:53
S52	3534	"TRIETHYLENE GLYCOL DIMETHYL ETHER" or "(2,5,8, 11-Tetraoxadodecane)" or Triglyme or "1, 2-bis(2-Methoxyethoxy)ethane" or "TEGDME"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 11:59
S53	330	"triethylene glycol diethyl ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:01
S54	6	"triethylene glycol ethyl methyl ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:02
S55	3460	"Tetraethylene Glycol Dimethyl Ether" or "Bis[2-(2-methoxyethoxy)ethyl] Ether" or "Tetraglyme" or "2,5, 8,11, 14-Pentaoxapentadecane "	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:04

S56	191	"tetraethylene glycol diethyl ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:05
S57	602	"Polyethylene glycol dimethyl ether" or Polyglymes	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:06
S58	1	S51 and S52 and S53 and S54 and S55 and S56 and S57	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:07
S59	8876	S51 or S52 or S53 or S54 or S55 or S56 or S57	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:08
S60	200	"ethylene glycol methyl ethyl ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:12
S61	5506	"Ethylene glycol diethyl ether" or "1, 2-Diethoxyethane" or"1,2-Ethanol, diethyl ether" or "Ethyl glyme" or "3, 6-Dioxaoctane" or "EGDEE"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:12
S62	548	"Diethylene Glycol Methyl Ethyl Ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:12

S63	13246	S59 or S61 or S60 or S62	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:12
S64	362524	"HF" or(hydrofluoric adj acid)or anhydrous	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:14
S65	3776	S63 and S64	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:15
S66	3513185	(etch$ or remove$)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:15
S67	3121	S63 and S64 and S66	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:47
S68	490	S63 and S64 with S66	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:47
S69	2	S63 with S64 with S66	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:48
S70	22	S63 same S64 with S66	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:48

S7 1	28698	"high k" or "high dielectric constant"or (high adj dielectric adj constant)	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 14:46
S7 2	1	S70 and S71	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 14:46
S7 3	34447	"HFO" or "hafniun oxide" or " hafnium dioxide"or """HF. sub2"""or hafnia	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 14:46
S7 4	1	S70 and S73	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 14:47
S7 5	19646	"ethylene glycol monomethyl ether" or "ethylene glycol monoethyl ether" or "ethylene glycol monopropyl ether"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 16:41
S7 6	24196 37	etch or remove or strip	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 15:55
S7 7	9122	S75 and S76	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 15:55
S7 8	2664	S75 and S76 and S64	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 15:57

S7 9	241	S75 and S76 with S64	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 15:56
S8 0	23	S75 with S76 and S64	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 15:59
S8 1	3	S75 with etch	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 15:59
S8 2	29352	"ethylene glycol monomethyl ether" or "ethylene glycol monoethyl ether" or "ethylene glycol monopropyl ether"or "ethylene glycol monopropyl ether" or "polyethylene glycol monomethyl ether" or "ethylene glycol monoisopropyl ether" or "ethylene glycol monobutyl ether" or " propylene glycol monomethyl ether" or "propylene glycol monopropyl ether" or "propylene glycol monobutyl ether"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 11:03
S8 3	1214	S82 same S76	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 16:48

S8 4	0	(S62 with S82) same S76	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 16:49
S8 5	180	(S64 with S82)	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 16:49
S8 6	13	S85 same S76	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 18:20
S8 7	1	11/259128	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 18:23
S8 8	2	11/412418	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 18:24
S8 9	1	11/142418	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 18:32
S9 0	1	10/948306	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/12 18:40
S9 1	4	197681/1997	US-PGP UB; USPAT; USOCR ; JPO	OR	ON	2007/04/12 18:44

S92	1	10/527202	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/04/12 18:44
S93	1	10/525249	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/04/12 18:45
S94	550922	(("HF" or "hydrofluoric acid")with etch)and organic solvent	JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 18:46
S95	36	(("HF" or "hydrofluoric acid")with etch)and ("organic solvent" or ether or glycol)	JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 18:47

S9 6	89786	"ethylene glycol monomethyl ether" or "ethylene glycol monoethyl ether" or "ethylene glycol monopropyl ether"or "ethylene glycol monopropyl ether" or "polyethylene glycol monomethyl ether" or "ethylene glycol monoisopropyl ether" or "ethylene glycol monobutyl ether" or " propylene glycol monomethyl ether" or "propylene glycol monopropyl ether" or "propylene glycol monobutyl ether" or "methyl cellosolve" or "EGME" or "EGEE" or "2-ethoxyethanol" or "Propylglycol" or "Propyl cellosolve" or "MPEG" or "poly(ethylene glycol) monomethyl ether"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 13:56
S9 7	36252 4	"HF" or(hydrofluoric adj acid)or anhydrous	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 11:14
S9 8	1490	S96 same S97	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 11:14

EAST Search History

S99	1490	(S96 same S97)same S97	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 11:15
S100	2419637	etch or remove or strip	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 11:15
S101	238	S98 same S100	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 11:15
S102	7007	li with etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 12:12
S103	14	S96 with etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 12:50
S104	1	S103 with("HF" or "hydrofluorid acid")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 13:20

S105	2017	"DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR" ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 19:01
S106	2020	S105 WITHL2	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 12:59
S107	6	S105 WITH S97	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 12:59
S108	0	S107 AND ETCH	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 12:59

S1 09	366	S105 AND S97	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 12:59
S1 10	38	S109 AND ETCH	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 13:00
S1 11	3465	"DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl "Carbitol" acetate" OR " ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 13:16
S1 12	216509	S111 AN DL2	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 13:06

S1 13	669	S111 AND S97	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 13:07
S1 14	103	S113 AND ETCH	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 13:07
S1 15	5096	"DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl "Carbitol" acetate" OR " ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "Diethylene Glycol Butyl Ether Acetate" or "Butyl Carbitol Acetate" or "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 13:19

S1 16	0	S115 and S104	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 13:19
S1 17	2	S115 with("HF" or "hydrofluorid acid")	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:05
S1 18	131	S115 and("HF" or "hydrofluorid acid")	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:05
S1 19	47	S118 and etch	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:23
S1 20	38948	method and etch and "silicon oxide"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:24
S1 21	28698	"high k" or "high dielectric constant"or (high adj dielectric adj constant)	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:16
S1 22	4639	S120 and S121	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:18
S1 23	36252 4	"HF" or(hydrofluoric adj acid)or anhydrous	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 11:17

S1 25	0	S118 and "WET etch"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:23
S1 26	5624	method and "WET etch" and "silicon oxide"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:55
S1 27	2826	S126 AND S123	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:54
S1 28	578	S127 AND S121	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:28
S1 29	9	S128 AND ETHER	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:28
S1 30	1069	method WITH "WET etch" and "silicon oxide"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:29
S1 31	616	S130 AND S123	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:29
S1 32	21126 4	S131 AN DL28	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:30

S1 33	95	S131 AND S121	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 14:37
S1 34	2	S133 AND ETHER	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:32
S1 35	1	METHODE WITH ETCH WITH ("SILICON OXIDE" OR "SILICON DIOXIDE")	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:33
S1 36	9652	method and "WET etch" and ("silicon oxide" or " silicon dioxide")	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:56
S1 37	1387	S136 and S121	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:56
S1 38	1223	S137 and gate	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 14:57
S1 39	1	10/527202	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 16:06
S1 40	10	"6200891"	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/13 16:06

S141	28739	"high k" or "high dielectric constant"or (high adj dielectric adj constant)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:18
S142	362713	"HF" or(hydrofluoric adj acid)or anhydrous	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:18
S143	1071	method WITH "WET etch" and "silicon oxide"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:18
S144	618	S143 AND S142	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:18
S145	96	S144 AND S141	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:18
S146	133460	"HF" or(hydrofluoric adj acid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:18

S1 47	2020	"DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR" ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:52
S1 48	177	S147 and S146	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:20
S1 49	32	S148 and etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:20
S1 50	0	S147 with etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:42

EAST Search History

S1 51	1	S147 same etch	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 11:54
S1 52	98	S147 and etch	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 11:54
S1 53	97	S152 and acid	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 11:54
S1 54	0	S150	FPRS; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/18 12:39
S1 55	0	S147 with etch	FPRS; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/18 12:39
S1 56	0	S147 and etch	FPRS; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/18 12:39

S1 57	0	S147 and S146	FPRS; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/18 12:39
S1 58	0	S147	FPRS; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/18 12:39
S1 59	69622	ether and acid	FPRS; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/18 12:40
S1 60	57234	ether same acid	FPRS; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/18 12:40
S1 61	45	ether same acid same etch	FPRS; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/04/18 12:40

EAST Search History

S162	2	S147 with S146	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:46
S163	5	S147 same S146	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:46
S164	0	S147 same atch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:47
S165	1	S147 same etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:47
S166	0	S147 with etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:48
S167	227	S147 with acid	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:48
S168	0	S147 with acid with etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:48
S169	6	S147 with acid and etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:48

S1 70	24698	"DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl cellosolve" or "Dowanol EM" or "2-methoxyethanol" or "ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "cellosolve solvent" or "Dowanol EE" or "2-ethoxyethanol" "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 12:57

S171	25037	"DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl cellosolve" or "Dowanol EM" or "2-methoxyethanol" or "ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "cellosolve solvent" or "Dowanol EE" or "2-ethoxyethanol" "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "1-Acetoxy-2-butoxyethane" or "Butoxyethyl acetate" or "Butoxyethanol acetate" or "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:04

EAST Search History

S1 72	5	S171 with etch	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 12:59
S1 73	0	S172 same S147	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 12:59
S1 74	2020	S171 and S147	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 12:59
S1 75	98	S174 and etch	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 13:00
S1 76	23523	S171 and acid	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 13:00
S1 77	1194	S176 and etch	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/23 10:46
S1 78	3967	S171 with acid	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 13:01
S1 79	0	S178 with etch	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 13:01

S1 80	17	S178 same etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:01

| S1 81 | 25446 | "DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl cellosolve" or "Dowanol EM" or "2-methoxyethanol" or "ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "cellosolve solvent" or "Dowanol EE" or "2-ethoxyethanol" "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "1-Acetoxy-2-butoxyethane" or "Butoxyethyl acetate" or "Butoxyethanol acetate" or "Ethylene glycol butyl ether acetate" or "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" or "DE Acetate" or "2-(2-Ethoxyethoxy)ethyl acetate" or "Ethyldiglycol acetate" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/18 13:10 |

S1 82	5	S181 with etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:10
S1 83	0	S182 with acid	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:10
S1 84	2020	S181 and S147	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:10
S1 85	98	S184 and etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:33
S1 86	2020	S181 and S147	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:33
S1 87	2420638	etch or remove or strip	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:34
S1 88	1044	S186 and S187	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:34
S1 89	1044	S186 and S187	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:34

S190	89858	"ethylene glycol monomethyl ether" or "ethylene glycol monoethyl ether" or "ethylene glycol monopropyl ether"or "ethylene glycol monopropyl ether" or "polyethylene glycol monomethyl ether" or "ethylene glycol monoisopropyl ether" or "ethylene glycol monobutyl ether" or " propylene glycol monomethyl ether" or "propylene glycol monopropyl ether" or "propylene glycol monobutyl ether" or "methyl cellosolve" or "EGME" or "EGEE" or "2-ethoxyethanol" or "Propylglycol" or "Propyl cellosolve" or "MPEG" or "poly(ethylene glycol) monomethyl ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 16:29
S191	1641	S190 and S147	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:57
S192	2988	S190 and S146	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 13:57

S1 93	103	S190 same S146	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:14
S1 94	22	S193 and etch	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:07
S1 95	24	"2941949"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:07
S1 96	2988	S190 AND S146	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:14
S1 97	599	S196 AND ETCH	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:28
S1 98	10	"6200891"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:28
S1 99	10	"5120605"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:28
S2 00	42220	"glycol ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 14:38

EAST Search History

S2 01	288	S200 with S147	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 14:38
S2 02	27	S200 with S146	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 14:39
S2 03	11	S202 and etch	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/18 14:39
S2 04	3398	((252/79.1) or (252/79.2) or (252/79.3) or (252/79.4)).CCLS.	US-PGP UB; USPAT; USOCR	OR	OFF	2007/04/19 16:28
S2 05	3398	((252/79.1/) or (252/79.2/) or (252/79.3/) or (252/79.4/)).CCLS.	US-PGP UB; USPAT; USOCR	OR	OFF	2007/04/19 16:29

S2 06	90037	"ethylene glycol monomethyl ether" or "ethylene glycol monoethyl ether" or "ethylene glycol monopropyl ether"or "ethylene glycol monopropyl ether" or "polyethylene glycol monomethyl ether" or "ethylene glycol monoisopropyl ether" or "ethylene glycol monobutyl ether" or " propylene glycol monomethyl ether" or "propylene glycol monopropyl ether" or "propylene glycol monobutyl ether" or "methyl cellosolve" or "EGME" or "EGEE" or "2-ethoxyethanol" or "Propylglycol" or "Propyl cellosolve" or "MPEG" or "poly(ethylene glycol) monomethyl ether"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 16:30
S2 07	59	S205 and S206	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 16:30

S208	2023	"DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR" ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 19:01
S209	2023	S208	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 19:02
S210	7	S208 and S205	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 19:07
S211	4	"1215005"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 19:07

EAST Search History

S212	32	"4215005"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/19 19:07
S213	3398	((252/79.1/) or (252/79.2/) or (252/79.3/) or (252/79.4/)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 10:46
S214	3398	S213	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 10:47

| S2 15 | 25469 | "DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl cellosolve" or "Dowanol EM" or "2-methoxyethanol" or "ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "cellosolve solvent" or "Dowanol EE" or "2-ethoxyethanol" "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "1-Acetoxy-2-butoxyethane" or "Butoxyethyl acetate" or "Butoxyethanol acetate" or "Ethylene glycol butyl ether acetate" or "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" or "DE Acetate" or "2-(2-Ethoxyethoxy)ethyl acetate" or "Ethyldiglycol acetate" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/23 11:55 |

S2 16	25469	S215	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/23 10:47
S2 17	27	S215 and S213	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/23 10:48

| S2 18 | 17808 | "DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl cellosolve acetate" or "Dowanol EM" or "2-methoxyethanol" or "ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "cellosolve solvent" or "Dowanol EE" or "2-ethoxyethanol" "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "1-Acetoxy-2-butoxyethane" or "Butoxyethyl acetate" or "Butoxyethanol acetate" or "Ethylene glycol butyl ether acetate" or "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" or "DE Acetate" or "2-(2-Ethoxyethoxy)ethyl acetate" or "Ethyldiglycol acetate" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/23 12:10 |

S2 19	21	S218 and S213	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/23 12:05

| S2 20 | 12171 | "DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl cellosolve acetate" or "ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "cellosolve solvent" or "Dowanol EE" or "2-ethoxyethanol" "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "1-Acetoxy-2-butoxyethane" or "Butoxyethyl acetate" or "Butoxyethanol acetate" or "Ethylene glycol butyl ether acetate" or "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" or "DE Acetate" or "2-(2-Ethoxyethoxy)ethyl acetate" or "Ethyldiglycol acetate" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/23 12:24 |

S2 21	17	S220 and S213	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/23 12:11

| S2 22 | 11488 | "DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl cellosolve acetate" or "ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "2-ethoxyethanol" "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "1-Acetoxy-2-butoxyethane" or "Butoxyethyl acetate" or "Butoxyethanol acetate" or "Ethylene glycol butyl ether acetate" or "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" or "DE Acetate" or "2-(2-Ethoxyethoxy)ethyl acetate" or "Ethyldiglycol acetate" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/23 12:31 |

S2 23	13	S222 and S213	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/23 12:26

| S2 24 | 12116 | "DIETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "methyl cellosolve acetate" or "ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE" OR "2-ethoxyethanol acetate" or "cellosolve acetate" or " ethyl glycol acetate" or " acetic acid, 2-ethoxyethyl ester" or "ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" OR "1-Acetoxy-2-butoxyethane" or "Butoxyethyl acetate" or "Butoxyethanol acetate" or "Ethylene glycol butyl ether acetate" or "DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE" OR "DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE" or "DE Acetate" or "2-(2-Ethoxyethoxy)ethyl acetate" or "Ethyldiglycol acetate" OR "TRIETHYLENE GLYCOL MONOMRTHYL ETHER ACETATE" OR "TRIETHYLENE GLYCOL MONOETHYL | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/23 12:34 |

S2 25	22	S224 and S213	US-PGP UB; USPAT; USOCR	OR	ON	2007/04/23 12:34